

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 to 52. (Canceled)

~~1~~ ~~53~~. (Previously presented) A protein fragment consisting of the amino acid residues selected from the group consisting of:

- a. amino acid residues 2 through 50 as described in SEQ ID NO:2;
- b. amino acid residues 85 through 123 as described in SEQ ID NO:2;
- c. amino acid residues 46 through 109 as described in SEQ ID NO:2;
- d. amino acid residues 18 through 98 as described in SEQ ID NO:2;
- e. amino acid residues 22 through 99 as described in SEQ ID NO:2;
- f. amino acid residues 21 through 50 as described in SEQ ID NO:2;
- g. amino acid residues 46 through 85 as described in SEQ ID NO:2;
- h. amino acid residues 50 through 64 as described in SEQ ID NO:2;
- i. amino acid residues 67 through 81 as described in SEQ ID NO:2;
- j. amino acid residues 21 through 99 as described in SEQ ID NO:2;
- k. amino acid residues 71 through 82 as described in SEQ ID NO:2;
- l. amino acid residues 85 through 99 as described in SEQ ID NO:2;
- m. amino acid residues 18 through 50 as described in SEQ ID NO:2;
- n. amino acid residues 46 through 98 as described in SEQ ID NO:2; or
- o. amino acid residues 85 through 98 as described in SEQ ID NO:2.

54 (Canceled)

~~2~~ ~~55~~. (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 2 through 50 as described in SEQ ID NO:2.

~~3~~ ~~56~~. (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 85 through 123 as described in SEQ ID NO:2.

~~4~~ ~~57~~. (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 46 through 109 as described in SEQ ID NO:2.

~~5~~ ~~58~~. (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 18 through 98 as described in SEQ ID NO:2.

~~6~~ ~~59~~. (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 22 through 99 as described in SEQ ID NO:2.

7. ~~60.~~ (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 21 through 50 as described in SEQ ID NO:2.

8. ~~61.~~ (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 46 through 85 as described in SEQ ID NO:2.

9. ~~62.~~ (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 50 through 64 as described in SEQ ID NO:2.

10. ~~63.~~ (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 67 through 81 as described in SEQ ID NO:2.

11. ~~64.~~ (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 21 through 99 as described in SEQ ID NO:2.

12. ~~65.~~ (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 71 through 82 as described in SEQ ID NO:2.

13. ~~66.~~ (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 85 through 99 as described in SEQ ID NO:2.

14. ~~67.~~ (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 18 through 50 as described in SEQ ID NO:2.

15. ~~68.~~ (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 46 through 98 as described in SEQ ID NO:2.

16. ~~69.~~ (Previously presented) The protein fragment of claim ~~53~~, consisting of amino acid residues 85 through 98 as described in SEQ ID NO:2.

70.-86 (Cancelled)